

## CLAIMS

What is claimed is:

1. 1. A system for user identity management and software product distribution comprising:
  - 2 at least one authentication product; and
  - 3 a security architecture capable of protecting the system;
  - 4 wherein the at least one authentication product is capable of servicing at least one external source.
- 1 2. The system of Claim 1 further comprising:
  - 2 a profile application capable of maintaining an online electronic profile for each external source wherein the profile application is accessible by external source system users and end users.
- 1 3. The system of Claim 1 wherein the product comprises a series of platform-independent Java based applications.
- 1 4. The system of Claim 1 wherein the security architecture is capable of automatic encoding of transmitted data using unique hashing routines.
- 1 5. The system of Claim 1 wherein the security architecture is capable of encrypting of transmitted data for security against spoofing.
- 1 6. The system of Claim 1 wherein the system is capable of keeping track of authentication devices and ownership/assignments to a plurality of external sources and their end users.

- 1    7. The system of Claim 1 wherein the authentication product comprises:  
2        a username;  
3        a password; and  
4        an authentication device;  
5        wherein the authentication device is selected from group consisting of software tokens,  
6        key chain tokens, and tokens capable of being read by a CD drive or Smart Card Reader.
- 1    8. A stand-alone application of the system of Claim 1 wherein the authentication  
2        architecture is capable of providing user authentication and access control as separate  
3        functions autonomous from the system of Claim 1.
- 1    9. The stand-alone application of the system of Claim 8 wherein the at least one  
2        authentication product and the architecture are capable of providing provide software  
3        piracy management to software manufacturers distributing application products via CD-  
4        ROM or a wide area network.
- 1    10. An application using the system of Claim 1, wherein the system is capable of being  
2        deployed completely on a client's site, wherein the client comprises a client server, in  
3        which the client server is capable of functioning as a server application independent of  
4        the system of Claim 1.
- 1    11. The system of Claim 1 wherein the system is capable of reading CD-ROM content  
2        remotely via a wide area network.
- 1    12. The system of Claim 1 wherein the system is capable of providing CD media-based copy  
2        protection and is capable of validating the CD media.

- 1    13. The system of Claim 1 wherein the system is capable of providing CD media  
2 authentication remotely via a wide area network.
- 1    14. The system of Claim 1 wherein the system is capable of providing embedded, encrypted  
2 serialization of CD media.
- 1    15. The system of Claim 1 wherein the system is capable of providing anti-piracy protection  
2 to electronically distributed software.
- 1    16. The system of Claim 1 wherein the system is capable of using CD media developed with  
2 anti-piracy technology as effective user authentication devices.
- 1    17. The system of Claim 1 wherein the system is capable of bundling any combination of full  
2 products, limited-use versions, trial versions, demo versions, and license packs on at least  
3 one CD-ROM.
- 1    18. The system of Claim 1 wherein the system is capable of managing and tracking specific  
2 and group end-user access authorizations to digital content and processes for each  
3 external source.